

**VALUE ENGINEERING CHANGE PROPOSAL
MISSOURI DEPARTMENT OF TRANSPORTATION**

☐ Conceptual Proposal ☒ Final Proposal Date 9/23/09

Contract ID 090220-801 Job No. J8P0683C, J8P0897, J8P0898

County Greene 60/65 Original Bid Cost \$57,120,059.68

Contractor Archer Western Contractors, Ltd. By Dennis Knapp

Designed By Archer Western Contractors, Ltd. Phone (417) 877-1938

VECP# 09-99 (to be completed by C.O.) VECP ☒ or PDVECP ☐

1. Description of existing requirements and proposed change(s). Advantages/Disadvantages

Archer Western proposes to use existing pavement for W-S Detour in lieu of removing existing pavement and placing proposed detour pavement. Costs break down as follows:

1692 SY on Line No. 0210 => 45057.96

1692 SY on Line No. 0140 => 7614.00

564 CY on Line No. 0030 => 4089.00

Total cost is \$56,760.96. Archer Western is requesting 25% of the savings, which is \$14,190.24.

2. Estimate of reduction in construction costs. \$42,600.72

3. Prediction of any effects the proposed change(s) will have on other department costs, such as maintenance and operations.

The affected area is temporary detour pavement, therefore it will not pose any future department costs.

4. Anticipated date for submittal of detailed change(s) of items required by Section 104.6 of the Specifications.

9/25/09

(date)

5. Deadline for issuing a change order to obtain maximum cost reduction, noting the effect of contract completion time or delivery schedule.

10/2/09

(date)

No Effect

(effect)

6. Dates of any previous or concurrent submission of the same proposal.

N/A

(date and/or dates)



Archer Western Contractors

A MEMBER OF The Walsh Group

September 25, 2009

Letter #209018-026

Mr. Johnny Teegardin
Resident Engineer
MoDOT – Springfield Project Office
2549 N. Mayfair
Springfield, MO 65803

Re: Ramp W-S Detour
MoDOT Contract ID: 090220-801
Route 60/65 – Greene County
Jobs J8P0683C, J8P0897, and J8P0898
Archer Western Job 209018

Dear Mr. Teegardin:

Per the request of MoDOT, Archer Western is submitting a Value Engineering Change Proposal for the Ramp W-S Detour. Please see the attached proposal form.

If you have any questions, feel free to contact me at (312) 907-1146.

Sincerely,

Dennis Knapp
Project Engineer
Archer Western Contractors, Ltd.

cc: File 1.1a
MB, KK

Additional Comments:

N/A

**** Portion Below This Line To Be Filled Out by MoDOT ****

Comments: THIS VE WAS VERBALLY APPROVED ON 07/27/09. THE CONTRACTOR DID NOT SUBMIT THE PAPER WORK UNTIL 09/25/09. I RECOMMEND APPROVAL OF THIS VE SINCE THE EXISTING BYPASS IS CURRENTLY IN USE AND FUNCTIONING WELL.

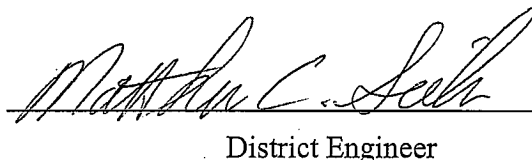

Submitted By Resident Engineer

10/26/09
Date

Comments: I concur with the use of existing detour that was already built to take place of detour in question, since grade and alignment are the same.

☒ Approval
Recommended

☐ Rejection
Recommended


District Engineer

10/30/09
Date

Comments:

N/A

☐ Approval
Recommended

☐ Rejection
Recommended

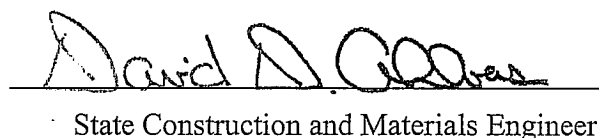
Federal Highway Administration
Required for FHWA Full Oversight Projects

Date

Comments: APPROVED AS PRACTICAL DESIGN VE AT 75/25 SPLIT

☒ Approval

☐ Rejection


State Construction and Materials Engineer

11-13-09
Date

Distribution: Resident Engineer, Project Manager, District Construction & Materials Engineer, State Construction & Materials Engineer, FHWA Value Engineering Administrator - MoDOT, P. O. Box 270, Jefferson City, MO 65102



MEMORANDUM

Missouri Department of Transportation

District 8

Springfield Construction

TO: Jim McDiarmid
District Construction and Materials Engineer

CC:

FROM: Johnny Teegardin
Resident Engineer

DATE: October 26, 2009

SUBJECT: VE Proposal (#1) – Use of Existing Temporary Detour
Job No.: J8P0683C
Route: 60/65
County: Greene

Please find enclosed for your review, comments, and recommendation/rejection and forward to Construction Division this VE proposal. On July 27, 2009, the contractor proposed to leave the existing detour for EB Rte 60 to SB Rte 65 Ramp found during excavation and use in place in lieu of constructing a new detour as shown in the plans. The existing detour remained in place from a previous project that realigned this ramp. This detour is on the same alignment and in good condition; therefore, I verbally accepted this VE on July 27, 2009 in order to allow the contractor to diligently pursue the work in this area. The contractor submitted the required paperwork on September 25, 2009. I recommend approval of this VE due to the fact that the existing detour is currently in use and functioning well.

This VE proposal results in an overall cost savings of \$42,600.72 that shall be split 75/25 between MoDOT and the contractor in accordance with Section 104.6 of the Standard Specifications and the practical design guidelines. These cost savings were taken directly from the quantity sheets.

Copy: File

Contract ID: 090220-801

Fed St/Pr Prj Nbr: FAF-60-2(65)

Status: Active

Primary PCN: J8P0683C

District: 08

OrgCode: BCE

Progress Sched:

Variance Pct: .00

Desc: J8P0683C, J8P0897, J8P0898 - ROUTES 60/65 - GREENE COUNTY

Funding

☒ Federal

☐ State/Province

☐ Both

Time Charges: COMPLETION DATE

Bid Days: 1292

Bid Amt: \$57,102,059.68

Contract Type: Construction Project Above \$500,000

☐ Fed Oversight

Work Type: NEW CONSTRUCTION

☐ Local Oversight

Proposal Fund Type:

Spec Yr: 1996

Unit System: English

Suppl Spec Bk Yr: 1998

Alt ID:

VALUE ENGINEERING CHECK SHEET

TYPE OF WORK

(Check one that applies)

- ☐ Bridge/Structure/Footings
- ☐ Drainage Structures (RCP, RCB, CMP's, ect.)
- ☒ TCP/MOT
- ☐ Paving (PCCP, ect.)
- ☐ Grading/MSE Walls
- ☐ Signal/Lighting/ITS
- ☐ Misc. _____

SUMMARY OF PROPOSAL

(If needed, condense summary to a couple of lines)

____ Use in place existing pavement for temporary bypass in lieu of new construction.

SCANNING OF DOCUMENT

If the proposal is large, please mark or make note, which pages need to be scanned into the database. If there are special instructions, make note of them here.

____ Scan entire document